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typified by such papers as:

- (a) Aleksander Kosiba's article, published in 1951, on "Vertical Climatic Differences in the Lowest Strata of the Atmosphere" based on micrometeorological measurements at the Institute of Meteorology and Climatology of the University of Warsaw;
- (b) Ia. I. Feldman's article "On the Influence of Forests on the Formation of Local Weather in the Taigs of European USSR, and;
- (c) A. M. Shulgin's article "On the Problem of the Amelioration of Soil Climate in Altei".
- 6. On the other hand, the work applicable to Cd requires much more expensive instrumentation, and must be carried on by scientists well trained in fluid mechanics or aerodynamics as well as meteorology. The fact that the only known "Laboratory of Atmospheric Turbulence" in the world is part of the Geophysics Institute of the Soviet Academy of Sciences would indicate that not only do the Soviets consider this an important matter, but that they may be considerably ahead of the Western world in such matters.
- Indeed, the appearance of E M Dobryshman's "On Transformation Processes over Microrelief" (Glavnoe Uravlene's Gidrometeorologicheskoi Sluzby, Informatsionnyi Sbornik 1:42-46, 1951) indicates that scientists of the USSR are already trying to describe the combination of the effects of variations of turbulent exchange in the vertical and variations in the horizontal on a sound theoretical basis, a logical and needed step which we in the US are scarcely readyfor.
- Scientists working on atmospheric turbulence can be divided into two groups, those whose work is related directly to the transport of any atmospheric property (contaminants included, although not described in the literature) and those whose background is near enough to allow them to work in this field, but not apparently so oriented at resent.
- 9. An incomplete list of the first group should include:

A M Obukov

V A Cbruchev

N I Egorov

Perhaps the most important at the Soviet Laboratory of Atmospheric Turbulence (See Microstructure of Turbulent Flow, Priklanaya Matematika i Mckhanicka, Vol. 15, 1951, and numerous papers for last 10 years). A very good man, wrote "Physics of the Layer of Air Near the Ground", in 1949, a book US scientists D L Laikhtman should translate. Another very good man. He wrote "Microclimate and Local Climate", in 1950. S A Sapozhnikova M I Iudin Author of "Questions of Turbulence Theory and Structure of Wind with Application to the Problem of Airplane Vibrations' S L Bastamov Author of "Artificial Climate Laboratories" 1950 --Specific investigations on snow drifting and temperatures and evaporation from the soil are outlined.

Author of "Role and Significance of Dust in Nature",

Author of "Calculation of the Heat Balance of the Fed Sea" - 1950.

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	A.A Skvartsov	-	Author of "Reat Con Surface Layer of th	vection and E e Atmosphere"	cchange in the
	V V Snultekin	-	Not too good, but h Service of USSR, so with administration	now probably	drometeorologic concerned only
	Chudnovskii	<b>-</b>	Worked with Laimana	n	
	Yaglom	-	Good man on theory,	works with 0	bulinoff
Amo	ng those indirectly	concer	ned would be:		
	Budyko	-	Most important man turbulent transport		
į	P I Koleskov	-	Authority on Micross	eteorology of	Bastern USSR
	Iaroslavtsev ) Kuznetsov ) Tverskoi ) Timofaev )	-	Good men on whom I	have little o	r no informatio
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